

Abstract

In an electrical component with thin-layer construction that has a piezoelectric functional layer, the layer quality of the functional layer is improved in that a growth layer is provided between the electrode layer and the piezoelectric layer. Thus the function of the electrode layer is separated from that of a growth-supporting layer, whereby the functions can be optimized using separate layers independent of one another. Inventive components can be embodied as BAW resonators, thin-layer piezo-actuators, or piezo-sensors.